Scope of Patent Claim

[Claim 1]

A portable type fastener driving tool which is provided with (a) a main body which houses a rod which drives in the fasteners; (b) a rod driving out means which pushes the rod forward in the axial direction; (c) a head part which is disposed on the front end of the main body and which is provided with a fastener guiding part; (d) a fastener retaining means which loads a fastener connecting body which is made by connecting multiple fasteners using a connecting material so that they are arranged parallel to one another; and (e) a power operated fastener feed means which feeds the fastener connecting bodies which is loaded on the aforementioned fastener retaining means in the direction in which the fasteners are arranged and which feeds the fasteners one by one in front of the rods;

the drive source of the aforementioned fastener feed means is different from the drive source of the rod driving out means;

[Claim 2]

The composition of Claim 1 wherein the aforementioned rod driving out means disposes the aforementioned rod on a piston which is moved forward by the pressure of the combustion gas; the rod driving out means is provided with (a) a gas combustion chamber; (b) an electric spark type ignition plug which ignites in the gas inside the combustion chamber; and (c) a battery which provides an electric power supply to the aforementioned ignition plug; meanwhile the aforementioned fastener feed means is provided with an electrically driven actuator such as a motor or an electromagnetic solenoid; power supply to the aforementioned electrically driven actuator is carried out from the battery for the aforementioned rod driving out means or else a separate battery is set in place exclusively for the electrically driven actuator;

[Claim 3]

The composition of Claim 1 or Claim 2 wherein the aforementioned fastener connecting body is permitted to be wound in either a coil shape or a roll shape; meanwhile the aforementioned fastener retaining means is a magazine which is provided with a cover which can be opened and closed at will; this magazine is formed like a drum which is schematically round when seen in cross section so that it can house the nail connecting bodies when it is wound either in a coil shape or a roll shape;

[Claim 4]

The composition of Claim 2 or Claim 3 wherein it is provided with (a) an electric motor used to feed the fastener connecting bodies; (b) a first sensor which is used to detect the movement of the rod; (c) a second sensor which is used to detect the fasteners which are fed either directly or indirectly; and (d) a braking means which is used to stop the motor from turning; it is set so that when the first sensor detects that the rod has moved backwards, the motor is driven and it starts feeding the fasteners; when the second sensor detects that the feeding of the fasteners is complete, inertial rotation of the motor is prevented by the aforementioned braking means.